

Deflections resulting from loads imposed under the above mentioned tests shall in no case cause binding of the cover or displacement from the extension.

- (b) **Plastic Material.** Plastic materials shall be self-extinguishing when tested in accordance with ASTM D 635 and show no appreciable change in physical properties when exposed to the weather.
- (c) **Certification.** Submit a type A certification for each lot or shipment of precast reinforced plastic pull boxes.

## SECTION 740

### TRAFFIC SIGNAL BACKPLATES

#### 740.01. DESCRIPTION.

This section covers the material requirements for traffic signal backplates.

- (a) **Materials.** Backplates shall be constructed from sheet material of polycarbonate or acrylonitrile-butadiene-styrene (ABS). Backplates shall be vacuum formed.
  - 1. Polycarbonate sheet material shall conform to the requirements of ASTM D 638, D 695, D 790 and D 1822.
  - 2. ABS sheet material shall conform to ASTM D 1788.
  - 3. The thickness of the backplates shall be as shown on the Plans.
- (b) **Finish.** The backplate shall be black in color with a haircell finish on the front side and smooth finish on the back side.
- (c) **Certification.** Submit a type A certification for each lot or shipment of backplates.